

## 1. SCRUM ROLES

### Product Owner

- ❖ Any member can register and view available products.
- ❖ Only registered member can purchase multiple products regardless of quality
- ❖ Contact US page is available to contact admin for queries.

There are three roles available:

- Admin
  - Customer
  - Support
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- ❖ User can view the product , should be able to add to the cart, wishlist, add on price hike tag and can be able to buy.
  - ❖ The UI should be minimalistic, clean, eye catching and userfriendly.
  - ❖ An admin has some extra privilege including all privilege of user.
    - ✓ Admin can add products, edit product information and add/remove product.
    - ✓ Admin can edit the price of the product and should be able to add tag and offers.
    - ✓ Admin can add users , edit user information and can remove user.
    - ✓ Admin can ship order to user based on order placed by sending confirmation mail.
  - ❖ Support team can be directly contact to the customer via Email, Phone,WhatsApp

### Scrum Master:

Sprint (1-3 weeks)

Daily Scrum

- Done since last meeting
- **Team :**
- Its's integrated by 3-9 members and includes software engineers, QA experts, and UX/UI designers.
- Plan for today

## 2.Prioritize and estimate the product backlog

A product backlog is a list of the user stories or ecommerce features that the team determines to work in each development cycle. It prioritizes the requirements based on the importance to the project and the Product Owner. The team needs to consider the full purchase process to divide complex features into small user stories that make the ecommerce development easier and faster.

After the product backlog creation, the team estimates how much work will each feature take. Instead of estimating in hours, it can use the Fibonacci numbers (1,2,3,5,8,...) to equal in value the points and development hours.

## 3.Sprint Planning :

Sprint(1week) -1:

- Create Home/Welcome page with sample products
- Any member view available products but only the verified User(Phone OTP) can be able to register and buy the product

Sprint(2 week)-2 :

- Only registered member can purchase multiple products regardless of quality
- Contact US page is available to contact Admin for queries.
- An admin has some extra privilege including all privilege of user.

Sprint(3 week)-3:

- Admin can add products, edit product information and add/remove product.
- Admin can ship order to user based on order placed by sending confirmation mail.

Sprint(4 week)-4 :

- User can view and purchase products.

- There should be a rating functionality available for the delivery and product.
- Product delivery live tracking should be available.
- Handle all user operations.

#### 4. Daily Stand-Up :

This is a daily brief meeting guided by the scrum master where the team shares the status of work. The attendees typically participate while standing in order to have an agile communication. All of the members synchronize their advances by answering 3 questions: what did I did yesterday? what will I do today?, and what blockers do I have to move forward?

The scrum master handles the blockers that appear and helps the team to keep the ecommerce development process in a continuous flow.

#### 5.Sprint Demo/Evaluaion:

At the end of each sprint, there is a meeting where the Product Owner, Scrum Master and team discusses the goals that have been achieved. Everyone presents their work for the Product Owner to approve or reject the user stories that the team developed. The team will consider the features that need rework for the next sprint, if it determines their priority in the product backlog estimation.

When you implement Scrum in your ecommerce development you can ensure that the process will keep agile and your final product will be ready to launch in the market.

#### 6. Backup Sprint

**If any how your company not able to make the web app then you should have atleast a beta version of the product where the user can perform basic action.**